



JAN. 2024

COMPANY PROFILE

NAMIBIA CIVIL ENGINEERING LABORATORY
(NCEL)



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**NAMIBIA CIVIL
ENGINEERING
LABORATORY CC**



Company VAT No. 5387 426-015

COMPANY HISTORY AND BACKGROUND

Namibia Civil Engineering Laboratory cc is a vibrant, enthusiastic civil engineering laboratories and geotechnical consulting, focuses on testing civil engineering materials and geotechnical investigations. We have been in existence since 2010 and we are proud to have handled some of the most interesting projects in Namibia. We are a growing and eager firm, which wishes to be a formidable force of high recognition of civil engineering materials testing and geotechnical expert in Namibia.

VISION

The vision of Namibia Civil Engineering Laboratory cc (NCEL) is to be one of the most technically advanced civil engineering laboratories and geotechnical experts in Namibia.

MISSION

- ✓ It is the mission of NCEL to provide innovative approaches of testing roads construction materials and to build effective long-term relations with our clients, with excellent services delivered in a timely and cost-effective manner.
- ✓ To guide our *CLIENTS* for the best cost-effective results
- ✓ To operate with integrity, honesty and clear unbiased engineering judgement

BUSINESS GOALS & OBJECTIVES

- ✓ To promote citizen empowerment, engineering knowledge and capacity of Namibian

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KEY PERSONNEL:

Phillip Ngeno (Inc. Eng.) is a Managing Director and founder of Namibia Civil Engineering Laboratory cc. He completed his Master of Engineering: Specialised in Transportation Engineering, Bachelor of Technology degree and National Diploma in Civil Engineering from the Namibia University of Science and Technology (NUST). He has since accumulated 17 years of post-graduate experience in roads and building construction industry in Namibia. He is a registered **Incorporated Engineer with the Engineering Council of Namibia.**

Hosea Haukongo is a Materials Engineer; he holds a B. TECH: Civil Engineering from the Namibia University of Science and Technology (NUST). He has roughly 6 years of experience in material testing and geotechnical investigation. He is registered with the Engineering Council of Namibia as an Incorporated Engineer in Training. He is based in our Windhoek Office.

Immanuel Shilomboleni is a Site Laboratory Manager for the Upgrading of the Sandverhaar – Buchholzbrunn Railway Line: Phase 1 Construction of Earthworks Embankment in Berseba Constituency, //Karas region. He holds a B. TECH, in Civil Engineering from the Namibia University of Science and Technology (NUST). He has roughly 7 years of experience in material testing and investigations. He is registered with the Engineering Council of Namibia as an Engineering Technician in Training.

Jona Simon is a Site Laboratory Manager at TR7/1 (Karibib – Usakos Rehabilitation Project). He holds a BTECH: Civil Engineering from the Namibia University of Science and Technology (NUST). He has roughly 5 years of experience in various road construction material testing (Sieve Analysis, Atterberg Limit test, Modified AASHTO Testing and California Bearing Ration Testing). He is registered with the Engineering Council of Namibia as an Incorporated Engineer in Training.

Enos Gabriel is a Site Laboratory Manager at DR3633 (Tsandi – Ongulumbashe upgrade to low volume seal standard). He holds a BTECH: Civil Engineering from the Namibia University of Science and Technology (NUST). He has roughly 5 years of experience in various road construction material testing (Sieve Analysis, Atterberg Limit test, Modified AASHTO Testing and California Bearing Ration Testing).

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AJ Joel is a Trainee Materials Engineer and holds a Bachelor of Civil Engineering from the Namibia University of Science and Technology (NUST). He has roughly 2 years of experience in material testing, materials report writing and geotechnical investigation. He is based in our Ongwediva Office.

Johannes Ndapa (National Higher Certificate in Civil Engineering) is a Senior Materials Technician, holds a National Higher Certificate in Civil Engineering from the Namibia University of Science and Technology (NUST). He has accumulated about 17 years of experience as a materials tester and technician. He was involved in many roads construction projects across the country (Namibia).

Ever Shivolo (Vocational Dipl.) is a senior materials tester and holds a vocational diploma from Namwater. She accumulated about 12 years of experience as a materials tester.

ENGINEERING SERVICES OFFERED BY NCEL

Civil Engineering & building Laboratories:

We operator two branches of civil engineering laboratories for soils, aggregates, concrete and brick testing according to TMH1 / SANS 3001 standards. These laboratories (facilities) are based in Ongwediva & Windhoek and offers the following services:

- General testing of Civil Engineering Construction Materials.
- Control testing during construction of civil / building works
- Materials investigations (Borrow pits/Centreline survey/sampling).
- Materials Designs (Concrete/ Asphalt/Pavement structures)
- Pavement Investigations (Deflection measurements/visual surveys)
- Materials Consultation Services & Visual Assessment of road pavements.
- Research and Development (Road construction material related)

Geotechnical Engineering Services Offered:

We provide Geotechnical Consultancy services for investigations of single and multi-storey buildings, roads, bridges, dams, wastewater treatment plants and railways. Due to continuously demand of geotechnical experts in the country, we have acquired the latest Cone Penetration Equipment from the Netherland.

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Our wide range of services is delivered by a highly experienced team comprising of Professional Geotechnical Engineers, Engineering Geologists, Civil Engineering Technicians and numerous experienced Field Technicians / Testers.

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SOME OF ROAD, RAILWAY AND AIRPORT PROJECTS COMPLETED BY NCEL

Since inception of Namibia Civil Engineering Laboratory cc, the firm has been involved and completed the following roads investigations and other related earthworks Projects:

Project Name	Country	Employer / Client representative	Type of project	Duration	Completion date
Consultancy services for the detailed design, tender documentation, contract administration and site supervision of the upgrade to gravel road standards of district road DR3417: Andara – Mangamba – Shamaturu Clinic (15 km) in Kavango East Region.	Namibia	MME Consulting Engineers	Centreline survey, Borrow-pit Investigation, and materials design (design phase)	3 months	December 2023
Consultancy services for the Detailed Design, Tender Documentation, Contract Administration and Site Supervision of the upgrade to low volume seal standards district road DR3425: Ncaute – Karukuvisa (87 km) in Kavango East and West Regions.	Namibia	DAT Joint Venture	Centreline survey, Borrow-pit Investigation, and materials design (design phase)	3 months	November 2023

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Construction for the upgrading to low volume seal standard of DR3633 from Tsandi to Ongulumbashe in the Omusati Region.	Namibia	DAT Joint Venture	Carry out quality control & quality assurance on the construction of DR3633 (12 km road).	7 months	December 2023
Upgrading to low-volume bitumen standards of DR 3645 Engoyi – Omuntele in Oshikoto Region (15km).	Namibia	Roads Authority	Centreline survey, borrow-pit Investigation, and materials design (design phase)	2 months	September 2023
Upgrading of the Sandverhaar – Buchholzbrunn Railway Line: Phase 1 Construction of Earthworks Embankment in Berseba Constituency, //Karas region.	Namibia	Kleber & Associates	Carry out quality control & quality assurance on the construction of earthworks embankment and culverts. We have full operational site laboratory.	24 months	August 2024
Construction to gravel road standards of DR3654 (Omuthiya – Elambo) in the Oshikoto Region (49 km).	Namibia	Bicon Consulting Engineers & Project Managers	Centreline survey, Borrow-pit Investigation and Materials design (design phase)	4 months	April 2023
Rehabilitation of Moroni International Airport runway in Comoros	Comoros	Airport Company Comoros	Visual assessment of runway, test pitting on runway, soil profiling of underlying horizons, sampling of in-situ soils per layer, carry out DCP Tests, Interpretation of test results, data collections and compilation of geotechnical report.	4 Months	December 2022
Upgrading to Bitumen Standards of DR3616 (Tsandi – Onesi– Epalela) in the Omusati Region (48.3km)	Namibia	D&P Consulting JV Archetype Consulting Engineers & Project Managers	Centreline survey, Borrow-pit Investigation and Materials design (design phase)	4 months	February 2022
Construction to gravel standard of DR3427 (33km: Mburuuru	Namibia	EMCON Group JV Omkumoh Consulting Engineers	Centreline survey, Borrow-pit Investigation and Materials design (design phase)	4 months	January 2022

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– Calikawo Extension) in Kavango West Region.					
Upgrading to bitumen standards: DR3403 Divundu - Bagani – Mohembo Border Post in Kavango East Region (32.3km).	Namibia	EMCON Group	Centreline survey, Borrow-pit Investigation and Materials design (design phase)	4 months	January 2022
Upgrade to bitumen standard of the access road from Opuwo via Okangwati to the Baynes Hydro Power Project site in the Kunene Region (DR3700).	Namibia	Pregon Consulting Engineers JV Dunamis Consulting Engineers & Project Managers	Centreline survey (design phase)	4 months	January 2022
Rehabilitation of the Homs River Bridge in Warmbad, //Karas Region.	Namibia	D&P JV Tweya Consulting Engineers	Perform in-situ testing, rotary drilling up to 10m depth, concrete core drilling in bridge piers, beams, decks & slabs, sampling of concrete & testing, concrete mixes design of various concrete grades, reporting & Interpretation of test results and compilation of geotechnical report.	4 months	December 2021
Upgrading to bitumen standard of MR91(Gobabis to Aranos, phase 2) in the Omaheke Region.	Namibia	RCC / TEICHMANN JOINT VENTURE / Tulipamwe Consulting Engineers	Carry out quality control & quality assurance on the construction of MR91 (129km road). We have full operational site laboratory.	3 years	To be completed in 2025
Railway Siding Upgrading at Dundee Precious Metals Tsumeb (DPMT)	Namibia	RCE Consulting Engineers	Geotechnical investigation for the railway siding upgrading at Dundee Precious Metals Tsumeb. Carry out centreline survey and compile a detailed report with recommendations.	6 months	December 2019
Rehabilitation of T0202: B0250 Road	Namibia	Ingenuim Consulting Engineers	Drilling of concrete cores, casting of concrete cubes, concrete mix designs and compressive tests of varies	12 months	March 2020

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over Rail Bridge in Swakopmund			concrete grades. This was a Concrete Site Laboratory in Swakopmund.		
Pre-investigation study for the rehabilitation and improvement of TR2/4 between Omaruru and Otjiwarongo (132.4km).	Namibia	NAMU Consulting Engineers & Project Managers	Centreline survey, Borrow-pit Investigation and Materials design – design phase (Feasibility study)	4 months	May 2018
Upgrading to bitumen standard of DR3639 (Oshikango – Ondobe Gravel road).	Namibia	Ingenuim Consulting Engineers	Centreline survey, Borrow-pit Investigation and Materials design – design phase (Feasibility study)	4 months	Dec 2016
REHABILITATION OF TR7/1: KARIBIB – USAKOS	Namibia	Ongwediva Consulting Engineers Join Venture Conselect Consulting Engineers	Centreline survey, Borrow-pit Investigation and Materials design – design phase (Feasibility study)	4 months	Sept. 2016
Construction of New Gravel Road (DR 3424 Mungunda – Shakambu Kavango East Region)	Namibia	Ongwediva Consulting Engineers Join Venture Conselect Consulting Engineers	Centreline survey, Borrow-pit Investigation and Materials design – design phase.	4 months	April 2016
Upgrading to bitumen standard of TR 1/12: Oshikango bypass in the Ohangwena region	Namibia	Ingenuim Consulting Engineers	Centreline survey, Borrow-pit Investigation and Materials design (stabilising gravel with building sand – design phase.	4 months	Dec - 2015
Upgrading of Oshakati – Omungweelu – Ongenga Gravel road to Bitumen Standard.	Namibia	Tulipamwe Consulting Engineers / Zhong Mei Engineering	Centreline survey, Borrow-pit Investigation and Materials design (stabilising gravel with building sand due to high P.I) and quality control during construction phase.	14 Months	Sept. 2016
Upgrading of Ondangwa Airport runways -Phase 1	Namibia	Aurecon / China State Construction	Quality control on earthworks and concrete works.	16 months	May 2016

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Project Name:	Client:	Date Project Completed	Contact Person:
Geotechnical studies for the construction of NAMCOR Retail Service Stations at Omuthiya and Walvis Bay.	NAMCOR / Lithon Consulting Engineers	April 2022	Mr. Richard Laborn +264855940196
Geotechnical study for the construction of New Sports Stadium in Ondangwa.	Ondangwa Town Council / Knight Piesold Consulting	March 2022	Mr. Petrus Shipanga +264811247530
Geotechnical Investigation for the construction of municipal services in Tsumeb	Municipality of Tsumeb / Omkumoh Consulting Engineers	February 2022	Mr. Menelik Negussie +264812506416
Geotechnical investigation for the upgrade of Monte Christo Road .	Lithon Consulting Engineers	February 2021	Mr. Richard Laborn +264855940196
Geotechnical Investigation for the feasibility studies for the renovation and extension of Omaruru, Gobabis and Windhoek Namibian Correctional Services.	Ministry of Safety and Security, Namibian Correctional Service	February 2019	Mr. Annanias Nakale +264 811292026

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Geotechnical Investigation for construction of proposed New Hostel Facility in Mashare Kavango East Region.	Conenpro Consulting Engineers	June 2018	Mr. Harold Cloete +264811284964
Geotechnical Investigation for construction of SWAPO Party National Headquarters in Windhoek - <i>This project involves drilling up to 20m below natural ground level.</i>	Dunamis Consulting Engineers & Project Managers	May 2018	Mr. Abisai Nambahu +264 61236911
Geotechnical Investigation for Township establishment, as part of : Extension 37, Extension 38 & Extension 7 in Ondangwa	A One V Two Consulting Engineers Namibia (Pty) Ltd	April 2018	Mr. Lucio Gabadinho +264 817088378
Geotechnical investigation for the construction of infrastructure services at erf 4686 Walvis Bay Extension 17: for the proposed business erven.	Conselect Engineering Consulting & Project Managers (Pty) Ltd	September 2017	Mr. Wiseman Molatsi +264 811280260
Geotechnical Investigation for the Construction of Health centre at Onyanya PHC Clinic	ABD Consulting Engineers	January 2017	Mr. Bazil Dax Mobile: +264812609706 <u>Tel/Fax:</u> +264 61 236 156
Geotechnical Investigation for the design of VTCs at Eenhana, Onakayale & Ongwediva.	ARTEE Project Engineers	October 2016	Mr. Reino T. Hasheela +264 61 220807 / +264 811288488

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Geotechnical investigation for the design and construction of ice bunker and storage facilities for the sea flower whitefish cooperation limited at luderitz in the //Kharas region, Namibia	Seal Consulting Engineers	June 2016	Mr. Peter Greeff / Mack Shanyauke +264-63 224263
Geotechnical Investigation for the design and construction of Guinas Primary School – Oshikoto Region	de Waal Consulting Engineers	May 2016	Mr. Cubas De Waal +264 811242552
Geotechnical investigation for the Maritime Training Centre at Walvis Bay for the Ministry of Fisheries and Marine Resources – <i>This project involves drilling up to 20m below NGL.</i>	Ministry of Work and Transport	April 2015	Ms. M. Dominguez +264 612088702
Geotechnical Investigation for the design & construction of Kharas Regional Park, Keetmanshoop.	Matrix Consulting Services	June 2015	Mr. Fillemon Hasheela +264 61224197
Geotechnical Investigation for the design & construction of Etanga Primary School Hostel Facility, Kunene Region.	WorleyParsons Consulting Services	April 2015	Ms. Sarah Kiggundu +264 61240909
Geotechnical Investigation for the design & construction for Hardap Regional Council office	Dunamis Consulting Engineers	April 2015	Mr. Abisai Nambahu +264 61236911

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Park at Mariental – <i>This Project involve drilling in mudstone up to 20m deep.</i>			
Geotechnical Investigation for the design & construction for the Omuthiya Magistrate Court	Steinbach Associates Consulting Engineers	February 2015	Mr. Rudolf Steinbach +264 61 243920
Geotechnical Investigation for the design & construction of Uukwangula Community Learner Centre.	Lund Consulting Engineers	February 2015	Mr. Kai Eysselein +264-61 255178
Geotechnical Investigation for the construction of New Kavango West Regional Office	Seal Consulting Engineers	05 December 2014	Mr. Peter Greeff +264-63 224263
Geotechnical Investigation for the construction of Proposed Onguta Primary School at Ondangwa.	Consulting Services Africa (CSA)	June 2014	Mr. Evat Kandongo +264 811249493

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